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Arizona Corporation Commission  
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NP

IN THE MATTER OF THE APPLICATION )  
OF SOUTHERN CALIFORNIA EDISON )  
COMPANY AND ITS ASSIGNEES IN )  
CONFORMANCE WITH THE )  
REQUIREMENTS OF ARIZONA REVISED )  
STATUTES SECTIONS 40-360.03 AND )  
40-360.06 FOR A CERTIFICATE OF )  
ENVIRONMENTAL COMPATIBILITY )  
AUTHORIZING CONSTRUCTION OF A )  
500kV ALTERNATING CURRENT )  
TRANSMISSION LINE AND RELATED )  
FACILITIES IN MARICOPA AND LA PAZ )  
COUNTIES IN ARIZONA ORIGINATING )  
AT THE HARQUAHALA GENERATING )  
STATION SWITCHYARD IN WESTERN )  
MARICOPA COUNTY AND )  
TERMINATING AT THE DEVERS )  
SUBSTATION IN RIVERSIDE COUNTY, )  
CALIFORNIA )

Docket No. L-00000A-06-0295-00130

Case No. 130

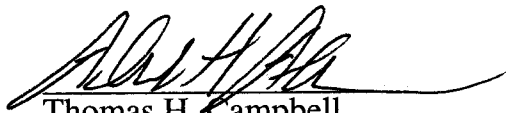
SOUTHERN CALIFORNIA  
EDISON COMPANY'S  
NOTICE OF FILING  
EXHIBITS

At the request of the Arizona Power Plant and Transmission Line Siting Committee  
("Committee"), Southern California Edison Company ("SCE") is filing the following  
Exhibits:

1. New Generation in California (3 slides);
2. Right-of-Way Map and Description;

1 RESPECTFULLY SUBMITTED this 22<sup>nd</sup> day of September, 2006.

2 LEWIS AND ROCA LLP

3   
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8 Attorneys for Applicant

9 ORIGINAL and twenty-five (25) copies  
10 of the foregoing filed this 22<sup>nd</sup> day of  
11 September, 2006, with:

12 Docket Control – Utilities Division  
13 Arizona Corporation Commission  
14 1200 W. Washington Street  
15 Phoenix, Arizona 85007

16 COPY of the foregoing provided electronically  
17 this 22<sup>nd</sup> day of September, 2006 to:

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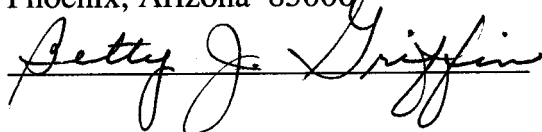
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26 

# New Generation in California (2001-2005)

## About 13,000 MW of New Thermal Generation in California

Projects greater than 1,000 MW	3
Projects between 500 and 1,000 MW	10
Projects between 100 and 500 MW	9
Projects between 0 and 100 MW	15
Total Number of Projects	37

## About 500 MW of New Renewable Generation in California

Projects between 100 and 500 MW	1
Projects between 0 and 100 MW	151
Total Number of Projects	152

# **Sample Natural Gas Generation Projects in California (2001-2005)**

**La Paloma - 1,124 MW**

**Moss Landing - 1,060 MW**

**Mountainview - 1,056 MW**

**Delta Energy Center - 887 MW**

**High Desert - 830 MW**

**Pastoria - 750 MW**

**Metcalf - 600 MW**

**Los Medanos - 555 MW**

**Palomar Escondido - 546 MW**

**Sutter - 540 MW**

**Blythe I - 520 MW**

**Elk Hills - 500 MW**

**SMUD Cosumnes - 500 MW**

# **Sample Renewable Generation Projects in California (2001-2005)**

**High Winds Energy Center - 150 MW - Wind**

**Mountain View Power Partners I - 44 MW - Wind**

**Cabazon - 41 MW - Wind**

**Mesquite - 30 MW - Biomass**

**Victory - 30 MW - Wind**

**Mountain View Power Partners II - 22 MW - Wind**

**Catellus Riverside - 11 MW - Wind**

**Catellus Riverside - 10 MW - Wind**

**Solano Wind Project Phase 1 - 10 MW - Wind**

**Diamond Valley Lake - 10 MW - Hydro**

**Calwind Resources - 9 MW - Wind**

**CEC PV Program Projects - 8 MW - Solar**

**Miramar Landfill - 8 MW - Biomass**

## **Applicant's Exhibit A-16**

### **Requested Route, Right of Way, and Corridor**

The Arizona portion of the Devers-Palo Verde 2 Project ("DPV2") includes 102 miles of 500kV transmission line from the Harquahala Generating Station Switchyard (Line Siting Case No. 96), located in Maricopa County, Section 31, Township 2 North, Range 8 West, to a crossing of the Colorado River in La Paz County, Section 5, Township 2 North, Range 22 West. The majority of the proposed route is located within Bureau of Land Management ("BLM") designated utility corridors.

The proposed transmission line alignment and alternatives are depicted in Figure 1 and are described below as follows:

#### **Proposed Route**

The transmission line would exit the Harquahala Generating Station Switchyard, and parallel the existing Harquahala-Hassayampa 500kV line (Line Siting Case No. 96) in an easterly direction for approximately 5 miles within a 1,000-foot-wide corridor centered on the existing line. The nominal right-of-way for this portion of the Project would be 130 feet wide on Federal land and state land and 160 feet wide on private land.

The remainder of the Project would be located within a nominal 130-foot-wide right-of-way on Federal land and state land and a nominal 160-foot wide right-of-way on private land adjacent to the existing Devers to Palo Verde No. 1 500kV transmission line ("DPV1") (Line Siting Case Nos. 34 and 48) right-of-way. The Project right-of-way will be to the west and south of the DPV1 right-of-way east of Copper Bottom Pass (located in La Paz County, Section 20, Township 3 North, Range 20 West), and on the east and north side of the DPV1 right-of-way between the western end of Copper Bottom Pass (Section 14, Township 3 North, Range 21 West) and the Colorado River.



At the point 5 miles east of the Harquahala Generating Station where the route meets the DPV1 transmission line, (located in Maricopa County, the southwest quarter of Section 25, Township 2 North, Range 8 West), the route would turn north and parallel DPV1 for approximately 2.7 miles to Interstate 10 ("I-10"), where it would cross I-10 and proceed to a point 1 mile northwest of Burnt Mountain.

The route would then turn west and roughly parallel the I-10 and Central Arizona Project ("CAP") Canal for approximately 20 miles through the Big Horn Mountains and across the Harquahala Plain to a point 0.5 mile north of I-10. The route would then turn southwest, crossing I-10, and proceed approximately 5 miles to intersect the El Paso Natural Gas Company's existing pipeline just north of its Wenden Pump Station north of the Eagletail Mountains.

The route would then roughly parallel the El Paso Natural Gas pipeline and parallel the DPV1 line for approximately 56 miles, crossing the Ranegras Plain, through approximately 25 miles of the Kofa National Wildlife Refuge (beginning at the east boundary in Section 13, T2N R15W, and ending at the west boundary in Section 7, T2N R18W ), La Posa Plain, and Arizona State Highway 95, through the Dome Rock Mountains to the summit of Copper Bottom Pass.

The route would then turn southwest away from the pipeline, descend the western slope of the Dome Rock Mountains and proceed approximately 9 miles to a crossing of the Colorado River.



### **Harquahala Junction Interconnection Option**

An additional interconnection option is to originate the line at a new Harquahala Junction Switchyard (Line Siting Case No. 128) to be located in the southwest quarter of Section 25, Township 2 North, Range 8 West, rather than at the Harquahala Generating Station Switchyard. If this interconnection option is used, the Applicant would not construct the 5 miles of 500kV line parallel to the existing Harquahala-Hassayampa 500kV line.

In this case, the entire Project would be located within a nominal 130-foot-wide right-of-way on Federal land and state land and a nominal 160-foot wide right-of-way on private land adjacent to the existing DPV1 transmission line right-of-way.

### **Palo Verde Subalternate Route**

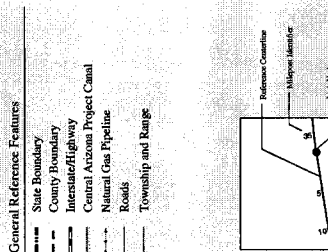
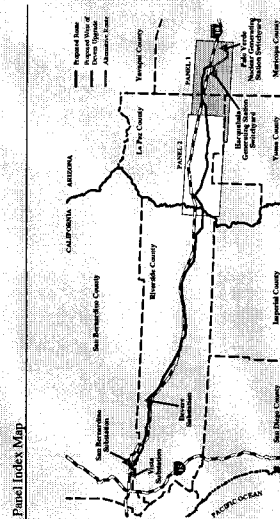
The Palo Verde Subalternate Route would originate at the Palo Verde Nuclear Generating Station ("PVNGS") Switchyard (Line Siting Case Nos. 22 and 24) in Maricopa County, Section 34, Township 1 North, Range 6 West, rather than at the Harquahala Generating Station Switchyard. This alternative would require the construction of an additional 10 miles of 500kV transmission line parallel to the DPV1 transmission line on the east and north of the DPV1 right-of-way from a point near the location of the approved Harquahala Junction switchyard to the PVNGS switchyard.

The requested corridor for this alternative is 1000 feet wide, centered on the existing DPV1 transmission line. The majority of this alternative route is within a BLM designated utility corridor.

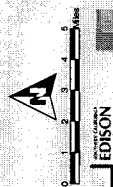
## Panel 1 of 2



**FIGURE 1**  
**Panel 2 of 2**



**Sources**  
United States Geological Survey (USGS).  
Hillshade derived from USGS 30-meter Digital  
Elevation Models. Land use data: EPG, Inc.  
2003.  
Prepared By: Environmental Planning  
Group, Inc. September 21, 2006



Line separation is shown for illustrative purposes and is not to scale.

